



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

*Illinois Geological Survey.* BY H. FOSTER BAIN, Director, and Others. Bulletin No. 8, 1907. 391 pp., 23 pls., maps. Springfield, 1908.

The report contains the following papers: "Steam Improvement and Land Reclamation in Illinois," "Petroleum Fields of Illinois," and "Mineral Industry of Illinois," by H. F. Bain; "Salem Limestone," by Stuart Weller; "Water Resources of the East St. Louis Region," by Isaiah Bowman; "Stratigraphy of Southwestern Illinois," by T. E. Savage; "Notes on Shoal Creek Limestone," by Jon. Udden; "Cement Materials near La Salle," by G. H. Cady; "Clay Industries," by E. F. Lines; "Experiments on Amorphous Silicas of Southern Illinois," by T. R. Ernest; "Artesian Wells in Peoria," by J. A. Udden; "Lead and Zinc District of Northwestern Illinois," by U. S. Grant and M. J. Perdue; "Concrete Materials Produced in the Chicago District," by E. F. Burchard; Extracts from *Educational Bulletins* by Messrs. Barrows, Trowbridge, Jones, Atwood, and Goldthwaite; also articles on "Coal" by Messrs. Parr, Wheeler, Hamilton, Bain, Francis, Bement, DeWolf, Udden, and White.

The petroleum industry showed a marked advance. In 1907 the state produced 24,540,938 barrels of petroleum or about one-seventh of the total production of the United States. The oil horizons are mainly in the Carboniferous rocks.

C. J. H.

---

*Report of the Vermont State Geologist.* BY G. H. PERKINS. On the Mineral Industries and Geology of Certain Areas of Vermont, 1907-8. 302 pp., 59 pls. Concord, N. H., 1908.

This report is the sixth of the present series and contains the following papers: "Mineral Resources," "Fossil Cetacea of the Pleistocene," "Geology of Franklin and Chittenden Counties," by G. H. Perkins; "Granites of Vermont," by T. N. Dale; "Shore Lines in Northwestern Vermont," by H. E. Merwin; "Geology of Hanover Quadrangle," by C. H. Hitchcock; "Geology of the Town of Swanton," by G. E. Edson; "Stellae and Rhabdoliths," by H. M. Seely; and "Geology of Newport, Troy, and Coventry," by C. H. Richardson. The production of the building stones, granite, marble, and slate, has steadily increased, amounting to the total value of \$10,000,000 yearly.

C. J. H.